MATERIAL SAFETY DATA SHEET  
(According to 2001/58/EC) 
Product : RETROLISA 3.0

1 INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

<table>
<thead>
<tr>
<th>1.1.</th>
<th>Product name</th>
<th>RETROLISA 3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalogue No. :</td>
<td>40513024</td>
<td></td>
</tr>
<tr>
<td></td>
<td>40513096</td>
<td></td>
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<tr>
<td></td>
<td>40513192</td>
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<td>40513480</td>
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</tr>
</tbody>
</table>

Kit components
- Microwell strips
- Microwell holder
- Fitment
- Pack insert
- Protocol sheet
- Plate sealer
- Sample Diluent
- Negative Control
- Positive Control
- Conjugate
- Conjugate Diluent
- Substrate
- Wash buffer
- Stop Solution

1.2. Intended use  In Vitro Diagnostic Use.

1.3. Company  Qualpro Diagnostics
Plot No. 88/89, Phase II C, Verna Industrial Estate, Verna, Goa 403 722
INDIA
Telephone : +91-832-6682000
Fax : +91-832-2783139
E-mail : qualpro@sancharnet.in

1.4. In emergencies  Call your local emergency center

2 COMPONENTS AND HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>HAZARDOUS INGREDIENT</th>
<th>CLASSIFICATION SUBSTANCE</th>
<th>EINECS NR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microwell strips</td>
<td>material from animal origin</td>
<td>Microwell strips material from animal origin</td>
<td></td>
</tr>
<tr>
<td>Conjugate</td>
<td>material from animal origin</td>
<td>Microwell strips material from animal origin</td>
<td></td>
</tr>
</tbody>
</table>
### 3 HAZARDS IDENTIFICATION

According to 1999/45/EG, the preparation is classified as dangerous.

<table>
<thead>
<tr>
<th>CLASSIFICATION</th>
<th>RISKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREPARATION</td>
<td></td>
</tr>
<tr>
<td>R22</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td></td>
<td>Animal material is potentially infectious</td>
</tr>
</tbody>
</table>

### 4 FIRST AID MEASURES

#### Eye contact:
- Rinse immediately with water
- Do not apply neutralizing agents
- Consult a doctor/medical service

#### Skin contact:
- Rinse with water
- Consult a doctor/medical service if irritation persists

#### After inhalation:
- Remove the victim into fresh air
- Unconscious: maintain adequate airway and respiration
- Consult a doctor/medical service if breathing problems develop

#### After ingestion:
- Never give water to an unconscious person
- Consult a doctor/medical service if you feel unwell

### 5 FIRE FIGHTING MEASURES

#### Suitable extinguishing media:
- All non combustible extinguishing media allowed
- For surrounding fires: all extinguishing media allowed

#### Unsuitable extinguishing media:
- No data available

#### Special exposure hazards:
- On heating/burning: formation of small quantities of nitrous vapors, carbon monoxide, carbon dioxide

#### Instructions:
- Take account of toxic firefighting water
- Use firefighting water moderately and contain it

#### Special protective equipment for firefighters:
- Heat/fire exposure: compressed air/oxygen apparatus
- Heat/fire exposure: gas-tight suit

### 6 ACCIDENTAL RELEASE MEASURES

**Personal protection:** see 8
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Environmental precautions:
- Prevent soil and water pollution
- Substance must not be discharged into the sewer
- Contain leaking substance, pump over in suitable containers
  - Plug the leak, cut off the supply
  - Dam up the liquid spill

Clean-up:
- Take up liquid spill into absorbent material
- Scoop absorbed substance into closing containers
- Carefully collect the spill/leftovers
- Clean contaminated surfaces with an excess of water
- Wash clothing and equipment after handling

7  HANDLING AND STORAGE

Handling:
- Observe normal hygiene standards
- Do not discharge the waste into the drain
- Remove and clean contaminated clothing

Storage:
- Provide for a tub to collect spills
- Meet the legal requirements
- Keep away from: heat sources, acids
- Storage temperature: see component label

Specific purposes:
- NA

8  EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1  Control of Exposure

8.1.1  Exposure to persons

Respiratory Protection  - Insufficient ventilation: wear respiratory protection
Hand Protection  - Gloves
Eye Protection  - Face shields
Skin Protection  - Protective Clothing
STABILITY AND REACTIVITY

Stability: The component is stable until expiry date if stored in specified conditions (see label)
Reactivity/Hazardous decomposition products: No hazardous decomposition products are formed in high quantities

WASTE DISPOSAL CONSIDERATIONS


Disposal methods:
- The component is potentially infectious. It should be disposed of following established safety procedures and local regulations.
- The component must be considered as hazardous waste. It should be disposed of following local regulations.

TRANSPORT INFORMATION

No restrictions.

OTHER INFORMATION

This product is designed for use by professionals.

All animal products and derivatives have been collected from healthy animals. Bovine components, if present, originate from countries where BSE has not been reported.

Risk phrases referred to in paragraph 2 & 3:
R22: Harmful if swallowed
R28: Very toxic if swallowed
R32: Contact with acids liberates very toxic gas
R50: Very toxic to aquatic organisms
R53: May cause long-term adverse effects in the aquatic environment
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